



# SRM v2.2 update

- Status of servers
- Status of clients
- GLUE Schema
- Storage Classes WG
- Plans



# Status of servers (1/3)

- Flavia's S2 test results
  - <http://cern.ch/grid-deployment/flavia/basic>
  - <http://cern.ch/grid-deployment/flavia/cross>
  - <http://cern.ch/grid-deployment/flavia/usecase>
  - cron job temporarily off when too many instabilities with endpoints
    - Or on request by developers
    - Manual tests, mostly unpublished, but problems reported to developers
  - test suite continually improved
    - Decouple endpoints
    - Further enhance web pages
    - More use cases and special scenarios (breach of protocol, unexpected values, ...)
- LBNL SRM-Tester
  - <http://sdm.lbl.gov/srm-tester/v22-progress.html>
  - <http://sdm.lbl.gov/srm-tester/v22daily.html>



# Status of servers (2/3)

- List of v2.2 issues maintained by Flavia
  - <https://twiki.cern.ch/twiki/bin/view/SRMDev/IssuesInTheSpecifications>
  - Mostly special scenarios not yet unambiguously spelled out
- Test results and issues discussed on srmtester and srm-devel lists
  - <https://hpcrdm.lbl.gov/mailman/listinfo/srmtester>
  - <http://listserv.fnal.gov/archives/srm-devel.html>



# Status of servers (3/3)

- No implementation has 2<sup>nd</sup> endpoint yet
- CASTOR to support only VOMS proxies?
  - FTS not yet ready for VOMS (January)
  - Fall-back on “VO map-file” would be easy (cf. LFC/DPM)
- “New” WSDL (of Sep. 27) to be in place by Dec. 15
  - Small changes, e.g. srmLs output format



# Status of clients

- FTS
  - SRM client code being unit-tested
  - Tested against DPM later this week
  - Integration into FTS takes a few days
  - Release to development testbed still expected next week
- GFAL/lcg-utils
  - New rpms expected on test UI this Wed.
  - New patch for gLite release certification expected next week



# GLUE Schema

- GLUE 1.3 draft available
  - <http://glueschema.forge.cnaf.infn.it/Spec/V13>
- Not everything originally proposed, only the important changes
- LDAP implementation started by Sergio Andreozzi
- Information providers started by Laurence Field



# Storage Classes WG

- Further pre-GDB meetings agreed by Kors
  - Other T1 centers
  - T2 sites
- Federico: also discuss how the experiments want to access the data
  - Determines how the data should be stored
- More experiment representatives sought
- Artem no longer available to chair



# Plans

- Run test suites as often as possible
  - Feedback through e-mail and phone conferences
- Round 2 for GFAL/lcg-utils
- Round 1 for FTS
- Storage Classes WG meetings
- 3 SRM sessions during WLCG workshop Jan. 22-26
  - Discuss deployment with sites
  - Discuss remaining issues with developers
  - Define mini-SC milestone